

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-36
Relating to Certification of New Motor Vehicles

NISSAN MOTOR COMPANY, LTD.

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for 1980 model-year gasoline-powered passenger car.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
L24/28C	146/168	Three Way Catalyst Closed Loop (Electronic Fuel Injection)

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1980 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
L24/28C	0.31	2.2	0.7

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-15-3 series.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Nissan Motor Company, Ltd. has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 26th day of July, 1979.

K. D. Drachand / RJK

K. D. Drachand, Acting Chief
Mobile Source Control Division

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 Engine Family L24/28C Engine (CID) 146/168 L6

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Fuel System

EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 TR-Thermal Reactor
 TWC-Three Way Catalyst

Special Features

CCAV-Combustion Chamber Air Valve
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbo Charged

Engine Code

Model

AL24CM
 L28CM

810 4-door sedan
 810 5-door wagon
 810 2-door hardtop

AL24CA
 L24CA

810 4-door sedan
 810 2-door hardtop
 810 5-door wagon

AL28CM
 L28CM

280 ZX
 280 ZX T-Bar roof
 280 ZX 2+2
 280 ZX Grand Luxury
 280 ZX Grand Luxury T-Bar
 280 ZX 2+2 Grand Luxury

AL28CA
 L28CA

280 ZX
 280 ZX T-Bar roof
 280 ZX Grand Luxury
 280 ZX Grand Luxury T-Bar
 280 ZX 2+2
 280 ZX 2+2 Grand Luxury

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E.O. #A 15-36

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

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Engine Family L24/28C

CID-Type 146/168

Engine Code

ECS (Special Features) TWC, CL (EFI) + 10% (A/C) Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA, EI Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident.
L24CM AL24CM	810-Hardtop 810-4 dr Sedan	M4 M5	(3000) 3125	HITACHI D6K8-01	Control Unit A11-615 (JECS) Air Flow Meter A31-167 (JECS) Injector A46-0021 (JECS) A46-0022 (DKC)		See Page 3
	810-5 dr Wagon		3250				
L24CA AL24CA	810-Hardtop 810-4 dr Sedan	A3	3125				
	810-5 dr Wagon		3250				
L28CM AL28CM	280 ZX	M5	3125				
	280 ZX 2+2		3250				
L28CA AL28CA	280 ZX	A3	3125				
	280 ZX 2+2		3250				

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

Date of Issue -

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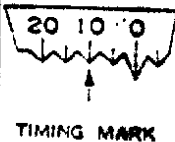
Manufacturer Nissan

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VEHICLE EMISSION CONTROL INFORMATION

THIS VEHICLE CONFORMS TO U.S. EPA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW MOTOR VEHICLES PROVIDED THAT THIS VEHICLE IS ONLY INTRODUCED INTO COMMERCE FOR SALE IN THE STATE OF CALIFORNIA. THIS VEHICLE IS CERTIFIED AS HAVING DEMONSTRATED CONFORMANCE WITH FEDERAL AND CALIFORNIA EMISSION STANDARDS ONLY AT ELEVATIONS EQUAL TO OR LOWER THAN 1,219 METERS (4,000 FEET).

- ENGINE FAMILY: L24/28C
- EVAPORATIVE FAMILY: EVP-EFI-IA
- EXHAUST EMISSION CONTROL TYPE: EFI+TWC+CL
- EVAPORATIVE EMISSION CONTROL TYPE: CARBON CANISTER
- ENGINE TUNE UP SPECIFICATIONS AND ADJUSTMENT
 - * AT NORMAL OPERATING TEMPERATURE
 - * LIGHTS AND AIR CONDITIONER OFF



ENG. DISP.	146.0 CID		168.0 CID	
TRANSMISSION	AUT.	MAN.	AUT.	MAN.
IDLE SPEED	R.P.M.	R.P.M.	R.P.M.	R.P.M.
	650 (D)	700 (N)	700 (D)	700 (N)
IGNITION TIMING	10° B.T.D.C.			
IDLE MIXTURE SETTING	IDLE MIXTURE SCREW IS PRESET AND SEALED AT FACTORY.			
VALVE LASH	INTAKE : .25 MM (.010 IN)-HOT			
	EXHAUST: .30 MM (.012 IN)-HOT			



CATALYST

NISSAN MOTOR CO., LTD.